



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: TRAN-P022.....

Inventor(s): Linus Torvalds and H. Peter Anvin

Application No.: 09/417,979

Group Art Unit:

Filed: 10/13/99

Examiner:

Title: METHOD OF DETERMINING A MODE OF CODE GENERATION (AS AMENDED)

Commissioner of Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Information Disclosure Statement Submitted Pursuant to 37 C.F.R. 1.97(b)

The citations referenced herein, copies attached, may be material to the examination of the above-identified application and are, therefore, submitted in compliance with the duty of disclosure as defined in 37 C.F.R. 1.56. The Examiner is requested to make these citations of official record in the application.

This Information Disclosure Statement submitted in accordance with 37 C.F.R. 1.97(b) is not to be construed as a representation that a search has been made, that additional items material to the examination of this application do not exist, or that any one or more of these citations constitute prior art under 35 U.S.C. 102.

The Examiner's attention is respectfully directed to the following U.S. Patents:

| <u>Pat. No.</u> | <u>Pat. Title</u>   | <u>Grant Date</u> |
|-----------------|---|-------------------|
| 5,832,205       | MEMORY CONTROLLER FOR A MICROPROCESSOR FOR<br>DETECTING A FAILURE OF SPECULATION ON THE PHYSICAL<br>NATURE OF A COMPONENT BEING ADDRESSED | 11/03/98          |
| 5,842,017       | METHOD AND APPARATUS FOR FORMING A TRANSLATION UNIT   | 11/24/98          |

The Examiner's attention is respectfully directed to the following Foreign Patents:

| <u>Pat. No.</u> | <u>Pat. Title</u>  | <u>Grant Date</u> |
|-----------------|--|-------------------|
| WO96/30829      | SOFTWARE EMULATION SYSTEM WITH DYNAMIC TRANSLATION<br>OF EMULATED INSTRUCTIONS FOR INCREASED PROCESSING<br>SPEED | 10/03/96          |

The Examiner's attention is respectfully directed to the following documents:

| <u>Author</u>            | <u>Title</u>  | <u>Date</u> | <u>Place of Publication</u> |
|--------------------------|---|-------------|-----------------------------|
| Vasanth Bala, et al.     | TRANSPARENT DYNAMIC OPTIMIZATION:<br>THE DESIGN AND IMPLEMENTATION OF<br>DYNAMO | June, 1999  | HP Laboratories Cambridge   |
| Cindy Zheng, et al.      | PA-RISC TO IA-64: TRANSPARENT EXECUTION, March, 2000                            | IEEE        |                             |
| Michael Gschwind, et al. | DYNAMIC AND TRANSPARENT BINARY<br>TRANSLATION                                   | March, 2000 | IEEE                        |
| Tom R. Kalfhill          | EMULATION: RISC'S SECRET WEAPON   | April, 1994 | BYTE                        |

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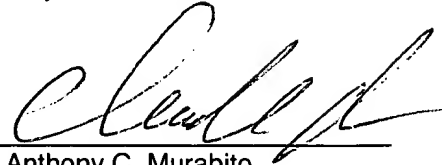
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Date: 10/20/2004

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Attorney Docket No.: TRAN-P022

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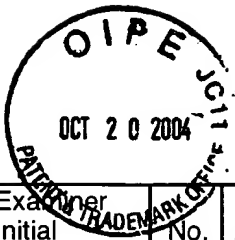
Form 1449

**U.S. Patent Documents**

| Examiner Initial | No. | Patent No. | Date     | Patentee        | Class | Sub-class | Filing Date |
|------------------|-----|------------|----------|-----------------|-------|-----------|-------------|
|                  | A   | 5,832,205  | 11/03/98 | Kelly, et al.   | 395   | 185.06    | 08/20/96    |
|                  | B   | 5,842,017  | 11/24/98 | Hookway, et al. | 395   | 707       | 01/29/96    |
|                  | C   |            |          |                 |       |           |             |
|                  | D   |            |          |                 |       |           |             |
|                  | E   |            |          |                 |       |           |             |
|                  | F   |            |          |                 |       |           |             |
|                  | G   |            |          |                 |       |           |             |
|                  | H   |            |          |                 |       |           |             |
|                  | I   |            |          |                 |       |           |             |
|                  | J   |            |          |                 |       |           |             |
|                  | K   |            |          |                 |       |           |             |

**Foreign Patent or Published Foreign Patent Application**

| Examiner Initial | No. | Document No. | Publication Date | Country or Patent Office | Class | Sub-class | Translation |    |
|------------------|-----|--------------|------------------|--------------------------|-------|-----------|-------------|----|
|                  |     |              |                  |                          |       |           | Yes         | No |
|                  | L   | WO96/30829   | 10/03/96         | WIPO                     | G06F  | 9/455     | X           |    |
|                  | M   |              |                  |                          |       |           |             |    |
|                  | N   |              |                  |                          |       |           |             |    |
|                  | O   |              |                  |                          |       |           |             |    |
|                  | P   |              |                  |                          |       |           |             |    |
|                  | Q   |              |                  |                          |       |           |             |    |



### Other Documents

| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication  |
|------------------|-----|---|
|                  | R   | Vasanth Bala, et al. TRANSPARENT DYNAMIC OPTIMIZATION: THE DESIGN AND IMPLEMENTATION OF DYNAMO June, 1999 HP Laboratories Cambridge |
|                  | S   | Cindy Zheng, et al. PA-RISC TO IA-64: TRANSPARENT EXECUTION, March, 2000 IEEE NO RECOMPILATION                                      |
|                  | T   | Michael Gschwind, et al. DYNAMIC AND TRANSPARENT BINARY TRANSLATION March, 2000 IEEE  |
|                  | U   | Tom R. Kalfhill EMULATION: RISC'S SECRET WEAPON April, 1994 BYTE  |
| Examiner         |     | Date Considered   |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.